

## The Center for Global Security Research analyzes the interaction of technology and national security

**Mission** The Center for Global Security Research (CGSR) brings technologists together with analysts and others from the policy community to study ways in which technology can enhance international security.

**Center Objectives** The CGSR was established in 1996 to provide detailed multidisciplinary analyses of the interrelationship of technology and policy in the national and international security arena. Four areas are of particular interest:

- The management, control, and reduction of the threats associated with weapons of mass destruction (e.g., nuclear material control, nuclear smuggling, WMD terrorism, emergency response, export controls, arms control, nonproliferation, verification).
- The security implications of emerging technologies (e.g., biological and chemical weapons, advanced conventional weapons, information warfare, nonlethal weapons, dual-use technologies).
- The anticipation and management of threats to national and international security (e.g., remote sensing, forensics, data exploitation, critical infrastructure protection).
- The future role of military forces (e.g., nuclear deterrence, battlefield of the future, peacekeeping operations, confidence building measures, land mine removal).

The Center also provides a mechanism for outreach to academic, industry, government, military, and international organizations and a forum for education about and discussion of international security issues among diverse communities.

## Recent Accomplishments

- Sponsorship of a conference on “Meeting the Challenge of International Peace Operations: Assessing the Contribution of Technology,” held in September 1996 at LLNL.
- Sponsorship, in collaboration with the Monterey Institute of International Studies, of a workshop on “The Utility of Sampling and Analysis for Compliance Monitoring of the Biological Weapons Convention,” held in October 1996 in Washington D.C.
- Sponsorship of a workshop on “Protecting and Assuring Critical National Infrastructure,” held at Stanford University in March 1997.
- Support of research projects on “Nuclear Inhibitions: Why So Few Countries Build the Bomb,” and on “The Future Role of Military Forces: Controlling the Collateral Hazards of Land Mines.”
- Publication of a comprehensive report on “The Soviet Program for Peaceful Uses of Nuclear Explosions.”

## Benefits to the Nation

Among the various centers within the United States and abroad that study international security, the Center for Global Security Research is unique in its affiliation with a national security laboratory. LLNL is one of only two laboratories in the United States authorized to work on all aspects of nuclear weapons and weapons technology. As a result of its nuclear weapons work, LLNL has developed an extraordinarily broad and deep base of science and engineering, including world-class capabilities in analysis, modeling, and simulation. This unmatched reservoir of expertise can be tapped for CGSR studies, enhancing the both the quality and the credibility of the Center’s work. By supporting independent, multidisciplinary research that explicitly considers the integration of technology and in defense, arms control, nonproliferation, and peacekeeping, the Center for Global Security Research can make effective contributions to national and international security.

## Contact

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